

Message Text

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ORIGIN NRC-07

INFO OCT-01 EA-07 ISO-00 OES-06 FEA-01 ACDA-07 CIAE-00

INR-07 IO-13 L-03 NSAE-00 NSC-05 EB-07 DODE-00

ERDA-05 INRE-00 SSO-00 NSCE-00 SS-15 /084 R

DRAFTED BY USNRC:JDLAFLEUR,JR.

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FM SECSTATE WASHDC

TO AMEMBASSY TOKYO IMMEDIATE

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E.O. 11652: N/A

TAGS: TECH, JA

SUBJECT: ADJUSTMENTS IN PWR CALCULATIONS

1. EMBASSY REQUESTED TO GIVE FOLLOWING MESSAGE IN WRITING, IN CONFIDENCE, TO YASUSHI MATSUDA, HEAD, DIVISION OF REACTOR REGULATION, NUCLEAR SAFETY BUREAU, SCIENCE AND TECHNOLOGY AGENCY, AS SOON AS POSSIBLE, AND TO REPORT RESPONSE BY TELEGRAM. (BEGIN MESSAGE TO MATSUDA)
2. THE FOLLOWING IS ANSWER TO YOUR LETTER TO LAFLEUR, NRC, DATED AUG. 24, 1976:
3. THE NRC ANNOUNCEMENT YOU REFER TO IS CONCERNED WITH TECHNICAL SPECIFICATIONS LIMITS ON TOTAL PEAKING FACTOR OF OPERATING WESTINGHOUSE PWR'S, FOR ECCS ANALYSIS ONLY. THESE ADJUSTMENTS ARE INDEPENDENT OF THE OTHER ACTIONS BEING TAKEN BY WESTINGHOUSE AND ITS CUSTOMERS AS A RESULT OF DATA FROM EXPERIMENTS AT COLUMBIA UNIVERSITY, INCLUDING LIMITED OFFICIAL USE

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THE JAPANESE PWR (KANSAI) GROUP ROD-BOWING EXPERIMENTS.

4. WESTINGHOUSE AND NRC ARE ALSO CONSIDERING OTHER CHANGES IN PWR CALCULATIONS, INCLUDING CHANGES DUE TO ROD BOWING EFFECTS WHICH HAVE BEEN UNDER INVESTIGATION AT THE WESTINGHOUSE-COLUMBIA FACILITY FOR SEVERAL YEARS. THIS

OVERALL PROBLEM AREA IS APPARENTLY THE SUBJECT OF THE AUG. 12 NUCLEONICS WEEK ARTICLE.

5. NRC HAS PROTECTED AND WILL CONTINUE TO PROTECT THE CONFIDENTIAL NATURE OF THE WESTINGHOUSE DATA FROM KANSAI EXPERIMENTS, AVOIDING NAMING KANSAI OR THE JAPANESE GROUP, AND WILL MAKE NO PUBLIC REFERENCE TO ANY SIMILARITY OF PROBLEMS IN ANY FOREIGN REACTORS.

6. ADDITIONAL INFORMATION ON NRC ACTIONS ON PWR ECCS CALCULATIONS IS BEING SENT BY DIPLOMATIC AIR POUCH THROUGH THE US EMBASSY FOR MR. MATSUDA, TODAY.

7. NRC NEEDS MORE DETAIL ON THE KANSAI EXPERIMENTS, AND UNDER TERMS OF OUR ARRANGEMENT, NRC WOULD APPRECIATE APPROVAL OF STA AND MITI TO LET KANSAI AND WESTINGHOUSE GIVE US A FULL DESCRIPTION OF THE EXPERIMENTS. THROUGH KANSAI REPRESENTATIVES IN THE US WE HAVE BEEN TOLD THAT MITI AND STA HAVE INSTRUCTED KANSAI GROUP NOT TO GIVE US THIS INFORMATION WITHOUT MITI-STA APPROVAL. PLEASE ADVISE. (END MESSAGE TO MATSUDA)

8. NOTE: THE KANSAI ELECTRIC COMPANY HAS INDICATED THAT INFORMATION ON THE KANSAI COLUMBIA EXPERIMENTS IS PROPRIETARY INFORMATION. AS SUCH, IT WOULD BE EXEMPT FROM PUBLIC DISCLOSURE. UNTIL THE PROPRIETARY STATUS CAN BE EVALUATED IN DETAIL THE ABOVE MESSAGE SHOULD NOT BE DISCLOSED OUTSIDE THE US GOVERNMENT AND THE INDICATED JAPANESE GOVERNMENT AGENCIES. KISSINGER

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